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INTERNATIONAL SEARCH REPORT

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	TRADEMARK	INTERNATIONAL SEARCH REP	30 A D 3000
1.11	1638	(PCT Article 18 and Rules 43 and 44)	•
A	Applicant's or agent's file reference 1107-PCT		f Transmittal of International Search Report 20) as well as, where applicable, item 5 below.
	International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
5/4	PCT/US 00/09010	05/04/2000	05/05/1999
Celle	Applicant	03/0 1/2000	A A
Kussetile	PIONEER HI-BRED INTERNATION	ONAL, INC. et al.	LECENED WED
·	This International Search Report consists	n prepared by this International Searching Authorsmitted to the International Bureau. of a total of sheets. a copy of each prior art document cited in this	ority and is transificated to the applicant
	the international search w Authority (Rule 23.1(b)). b. With regard to any nucleotide and was carried out on the basis of the X contained in the internation of filed together with the international subsequently to the statement that the subsinternational application at the statement that the informational application at the statement that the information of the statement that	e sequence listing: nal application in written form. mational application in computer readable form this Authority in written form. this Authority in computer readble form. esequently furnished written sequence listing do s filed has been furnished. ermation recorded in computer readable form is and unsearchable (See Box I). dng (see Box II).	e international application furnished to this emational application, the international search
	within one month from the 6. The figure of the drawings to be publi as suggested by the applicant faile because the applicant faile	ned, according to Rule 38.2(b), by this Authority date of mailing of this international search reposited with the abstract is Figure No.	
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INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/09010

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/82 C07K14/415

C12N5/14

C12N15/63

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $\begin{tabular}{l} IPC & 7 & C12N & C07K \end{tabular}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, STRAND

C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
A	DOSANJH M.K. ET AL.: "Isolation and characterization of RAD51C, a new human member of the RAD51 family of related genes" NUCLEIC ACID RESEARCH, vol. 26, no. 5, 1998, pages 1179-1184, XP002149945	1-11	
	cited in the application figure 1		
A	ROUNDSLEY S.D. ET AL.: "Putative DNA repair protein (Rad57); Arabidopsis thaliana (Mouse-ear cress)" EMBL DATABASE ENTRY 022144; ACCESSION NO. 022144, 1 January 1998 (1998-01-01), XP002149971	1-11	
	-/		

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report		
23 October 2000	07/11/2000		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Schönwasser, D		

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 00/09010

0.15		PCT/US 00/09010
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	I Delevento de la N
Category -	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 41228 A (PIONEER HI BRED INT.) 6 November 1997 (1997-11-06) page 76, line 24 -page 77, line 2	1-11
A	LIN X. ET AL.: "Arabidopsis thaliana chromosome II section 242 of 255 of the complete sequence. Sequence from clones T14P1, F4L23" EMBL DATABASE ENTRY AC002387; ACCESSION NO. AC002387, 8 August 1997 (1997-08-08), XP002150753 cited in the application	1-11
A	THACKER J.: "A surfeit of RAD51-like genes?" TRENDS IN GENETICS, vol. 15, no. 5, 1 May 1999 (1999-05-01), pages 166-168, XP004167924 ISSN: 0168-9525 the whole document	1-11
P,A	WO 99 41394 A (PIONEER HI BRED INT) 19 August 1999 (1999-08-19) SEQ ID NO:3, SEQ ID NO:7	1-11
Ρ,Α	SHOEMAKER R. ET AL.: "Public Soybean EST Project; sf36d09.x1 Gm-c1028 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1028-2058 3' similar to TR:022144 O22144 PUTATIVE DNA REPAIR PROTEIN; mRNA" EMB DATABSE ENTRY AW310460; ACCESSION NO. AW310460, 24 January 2000 (2000-01-24), XP002150754	1-11
		